AUTHOR INDEX

Agnoli, S., I. Massa, G. Vannini, P. Boccaccio, F. Reffo, L. Vannucci, I. Iori, R. A. Ricci, Intermediate mechanisms in fission-like fragmentation in the $^{32}S+^{59}Co$ and $^{32}S+^{63}Cu$ reactions A464(1987)103

Ainsworth, T.L., E. Baron, G.E. Brown, J. Cooperstein, M. Prakash, Equation of state of dense nuclear matter A464(1987)740

Anai, K., *see* Sugimitsu A464(1987)415

Andersen, J.U., *see* Forster A464(1987)497

Antonuk, L.E., *see* Nguyen Van Sen A464(1987)717

Arctaedius, Th., Chr. Bargholtz, R.E. Ekström, K. Fransson, B. Ritzén, P.-E. Tegnér, Directional distribution of high-energy gamma rays from hot $^{125,127}Cs$ and ^{171}Lu compound nuclei A464(1987)430

Arima, A., *see* Ichii A464(1987)575

Arvieux, J., *see* Nguyen Van Sen A464(1987)717

Avignon, P., *see* Jabbour A464(1987)260

Avignon, P., *see* Jabbour A464(1987)287

Babinet, R., *see* Nguyen Van Sen A464(1987)717

Bacelar, J.C., *see* Beck A464(1987)472

Bargholtz, Chr., *see* Arctaedius A464(1987)430

Baron, E., *see* Ainsworth A464(1987)740

Barranco, M., M. Pi, J. Nemeth, C. Ngô, E. Tomasi, Spurious continuum effects on excited giant resonances A464(1987) 29

Basrak, Z., *see* Tiereth A464(1987)125

Beck, E.M., J.C. Bacelar, M.A. Deleplanque, R.M. Diamond, F.S. Stephens, J.E. Draper, B. Herskind, A. Holm, P.O. Tjøm, High-spin state spectroscopy in $^{165,166}Yb$ A464(1987)472

Bentz, W., *see* Ichii A464(1987)575

Berlanger, M., *see* Lucas A464(1987)172

Bischof, N., *see* Tiereth A464(1987)125

Blendowske, R., T. Fliessbach, H. Walliser, Microscopic calculation of the ^{14}C decay of Ra nuclei A464(1987) 75

Blume, K.P., H. Hübel, M. Murzel, J. Recht, K. Theine, H. Kluge, A. Kuhnert, K.H. Maier, A. Maj, M. Guttormsen, A.P. De Lima, High-spin states in $^{163-166}Hf$ A464(1987)445

Blunden, P.G., A consistent treatment of nuclear currents for scalar and vector fields A464(1987)525

Boccaccio, P., *see* Agnoli A464(1987)103

Bonin, B., *see* Nguyen Van Sen A464(1987)717

Borge, M.J.G., D.G. Burke, H. Gietz, P. Hill, N. Kaffrell, W. Kurcewicz, G. Løvhøiden, S. Mattsson, R.A. Naumann, K. Nybø, G. Nyman, T.F. Thorsteinsen, Measurements of multipolarities in ^{277}Ra as tests of evidence for stable octupole deformation A464(1987)189

Boudard, A., *see* Nguyen Van Sen A464(1987)717

Braga, R.A., *see* Semmes A464(1987)381

Brown, B.A., *see* Willis A464(1987)315

Brown, G.E., *see* Ainsworth A464(1987)740

Bruge, G., *see* Nguyen Van Sen A464(1987)717

Burke, D.G., *see* Borge A464(1987)189

Cameron, J.M., *see* Nguyen Van Sen A464(1987)717

Caskey, G., *see* Deák A464(1987)133

Cerruti, C., *see* Lucas A464(1987)172

Chiodelli, S., *see* Lucas A464(1987)172

Cole, J.D., *see* Semmes A464(1987)381

Cooperstein, J., *see* Ainsworth A464(1987)740

Crawley, G.M., *see* Willis A464(1987)315

Dalili, D., *see* Lucas A464(1987)172

Deák, F., A. Kiss, Z. Seres, G. Caskey, A. Galonsky, C.K. Gelbke, B. Remington, M.B. Tsang, J.J. Kolata, Neutron emission from $^{14}N+^{165}Ho$ collisions at 35 MeV/u A464(1987)133

Deleplanque, M.A., *see* Beck A464(1987)472

De Lima, A.P., *see* Blume A464(1987)445

Demeyer, A., *see* Lucas A464(1987)172

Deutch, B.I., *see* Oades A464(1987)538

Diamond, R.M., *see* Beck A464(1987)472

Dinger, U., *see* Eberz A464(1987) 9

Djalali, C., *see* Willis A464(1987)315

Dmitriev, V.F., D.M. Nikolenko, S.G. Popov, I.A. Rachek, D.K. Toporkov, E.P. Tsentalovich, B.B. Woitsekhowski, V.G. Zelevinsky, Coincidence experiment on ^{16}O electroexcitation A464(1987)237

Draper, J.E., *see* Beck A464(1987)472

Eberz, J., U. Dinger, G. Huber, H. Lochmann, R. Menges, R. Neugart, R. Kirchner, O. Klepper, T. Kühl, D. Marx, G. Ulm, K. Wendt, Spins, moments and mean square charge radii of $^{104-127}In$ determined by laser spectroscopy A464(1987) 9

Ekström, R.E., *see* Arctaedius A464(1987)430

Fink, R.W., *see* Semmes A464(1987)381

Finlay, R.W., *see* Islam A464(1987)395

Fliessbach, T., *see* Blendowske A464(1987) 75

Forster, J.S., I.V. Mitchell, J.U. Andersen, A.S. Jensen, E. Laegsgaard, W.M. Gibson, K. Reichelt, Angular momentum dependence of the ^{200}Pb fission studied by comparison of ^{19}F on ^{181}Ta with ^{16}O on ^{184}W A464(1987)497

Fransson, K., *see* Arctaedius A464(1987)430

Fujita, H., *see* Sugimitsu A464(1987)415

Funck, C., K. Langanke, Study of the $^{13}N(p,\gamma)^{14}O$ reaction at stellar energies in a microscopic coupled-channel approach A464(1987) 90

Gaillard, G., *see* Nguyen Van Sen A464(1987)717

Galonsky, A., *see* Deák A464(1987)133
Galonsky, A., *see* Willis A464(1987)315
Gelbke, C.K., *see* Deák A464(1987)133
Gelletly, W., *see* Goettig A464(1987)159
Gibson, W.M., *see* Forster A464(1987)497
Gietz, H., *see* Borge A464(1987)189
Goettig, L., W. Gelletly, C.J. Lister, R. Moscrop, B.J. Varley, R. Wadsworth, The observation of excited states in ^{142}Gd and ^{142,144}Dy A464(1987)159
Guinet, D., *see* Lucas A464(1987)172
Guirao, A., *see* Viñas A464(1987)326
Guttormsen, M., *see* Blume A464(1987)445
Hasegawa, T., *see* Nguyen Van Sen A464(1987)717
Herskind, B., *see* Beck A464(1987)472
Hill, P., *see* Kurcewicz A464(1987) 1
Hill, P., *see* Borge A464(1987)189
Holm, A., *see* Beck A464(1987)472
Horowitz, C.J., B.D. Serot, The relativistic two-nucleon problem in nuclear matter A464(1987)613
Hübel, H., *see* Blume A464(1987)445
Huber, G., *see* Eberz A464(1987) 9
Ichii, S., W. Bentz, A. Arima, Isoscalar currents and nuclear magnetic moments A464(1987)575
Igashira, M., *see* Kitazawa A464(1987) 61
Ikeda, Y., *see* Sugimitsu A464(1987)415
Inoue, H., *see* Sugimitsu A464(1987)415
Iori, I., *see* Agnoli A464(1987)103
Islam, M.S., R.W. Finlay, J.S. Petler, Elastic and inelastic scattering of nucleons from ^{16}O A464(1987)395
Jabbour, J., L.H. Rosier, B. Ramstein, R. Tamisier, P. Avignon, Elastic and inelastic scattering of 22 MeV protons from natural even-even Zn and Ge isotopes. (I). Spectroscopy of the ^{64,66}Zn isotopes A464(1987)260
Jabbour, J., L.H. Rosier, B. Ramstein, R. Tamisier, P. Avignon, Elastic and inelastic scattering of 22 MeV protons from natural even-even Zn and Ge isotopes. (II). Spectroscopy of the ^{68,70}Zn and comparison between structure of low-lying states of Zn and Ge A464(1987)287
Jensen, A.S., *see* Forster A464(1987)497
Jensen, A.S., *see* Oades A464(1987)538
Kaffrell, N., *see* Kurcewicz A464(1987) 1
Kaffrell, N., *see* Borge A464(1987)189
Kato, N., *see* Sugimitsu A464(1987)415
Kimura, K., *see* Sugimitsu A464(1987)415
Kirchner, R., *see* Eberz A464(1987) 9
Kiss, A., *see* Deák A464(1987)133
Kitazawa, H., M. Ohgo, T. Uchiyama, M. Igashira, Particle-vibrator coupling model calculation of partial radiative widths for $p_{3/2}$ wave neutron resonance on ^{28}Si A464(1987) 61
Klepper, O., *see* Eberz A464(1987) 9
Kluge, H., *see* Blume A464(1987)445
Knutson, L.D., *see* Sowinski A464(1987)223
Kolata, J.J., *see* Deák A464(1987)133
Kühl, T., *see* Eberz A464(1987) 9
Kuhnert, A., *see* Blume A464(1987)445
Kurcewicz, W., E. Ruchowska, P. Hill, N. Kaffrell, G. Nyman, Collective states in ^{230}Ra fed by β^- decay of ^{230}Fr A464(1987) 1
Kurcewicz, W., *see* Borge A464(1987)189
Laegsgaard, E., *see* Forster A464(1987)497
Lam, S.T., *see* Nguyen Van Sen A464(1987)717
Langanke, K., *see* Funck A464(1987) 90
Le Blanc, R., *see* Rowe A464(1987) 39
Leray, S., *see* Lucas A464(1987)172
Lister, C.J., *see* Goettig A464(1987)159
Lochmann, H., *see* Eberz A464(1987) 9
Lönnroth, T., *see* Rahkonen A464(1987)349
Løvhøiden, G., *see* Borge A464(1987)189
Lucas, R., C. Ngô, T. Suomijärvi, M. Berlanger, C. Cerruti, S. Chiodelli, D. Dalili, A. Demeyer, D. Guinet, S. Leray, C. Mazur, M. Ribrag, Peripheral collisions in the ^{84}Kr+^{92,98}Mo, ^{nat}Ag and ^{197}Au reactions at 22 MeV/u A464(1987)172
Lugol, J.C., *see* Nguyen Van Sen A464(1987)717
Maier, K.H., *see* Blume A464(1987)445
Maj, A., *see* Blume A464(1987)445
Mandrup, L., *see* Oades A464(1987)538
Marty, N., *see* Willis A464(1987)315
Marx, D., *see* Eberz A464(1987) 9
Massa, I., *see* Agnoli A464(1987)103
Mattsson, S., *see* Borge A464(1987)189
Mazur, C., *see* Lucas A464(1987)172
Menges, R., *see* Eberz A464(1987) 9
Miranda, A., *see* Oades A464(1987)538
Mitchell, I.V., *see* Forster A464(1987)497
Morlet, M., *see* Willis A464(1987)315
Moscrop, R., *see* Goettig A464(1987)159
Murzel, M., *see* Blume A464(1987)445
Nakaichi-Maeda, S., *see* Walliser A464(1987)366
Nakajima, Y., *see* Sugimitsu A464(1987)415
Naumann, R.A., *see* Borge A464(1987)189
Nees, B., *see* Tiereth A464(1987)125
Neilson, G.C., *see* Nguyen Van Sen A464(1987)717
Nemeth, J., *see* Barranco A464(1987) 29
Neugart, R., *see* Eberz A464(1987) 9
Ngô, C., *see* Barranco A464(1987) 29
Ngô, C., *see* Lucas A464(1987)172
Nguyen Van Sen, Ye Yanlin, J. Arvieux, G. Gaillard, B. Bonin, A. Boudard, G. Bruge, J.C. Lugol, T. Hasegawa, F. Soga, L.E. Antonuk, J.M. Cameron, S.T. Lam, G.C. Neilson, G. Roy, D.M. Sheppard, R. Babinet, Elastic scattering of polarised deuterons from ^{16}O at 200, 400 and 700 MeV A464(1987)717
Nieschler, E., *see* Tiereth A464(1987)125
Nikolenko, D.M., *see* Dmitriev A464(1987)237
Nybø, K., *see* Borge A464(1987)189
Nyman, G., *see* Kurcewicz A464(1987) 1
Nyman, G., *see* Borge A464(1987)189
Oades, G.C., A. Miranda, L. Mandrup, A.S. Jensen, B.I. Deutch, Protonium annihilation into two pseudoscalar mesons A464(1987)538

Ohgo, M., *see* Kitazawa A464(1987) 61
Oka, M., K. Shimizu, K. Yazaki, Hyperon-nucleon and hyperon-hyperon interaction in a quark model A464(1987)700
Petler, J.S., *see* Islam A464(1987)395
Pi, M., *see* Barranco A464(1987) 29
Popov, S.G., *see* Dmitriev A464(1987)237
Prakash, M., *see* Ainsworth A464(1987)740
Pun Casavant, D.D., *see* Sowinski A464(1987)223
Rachek, I.A., *see* Dmitriev A464(1987)237
Rahkonen, V., T. Lönnroth, Low- and medium-spin states in ^{204}Po A464(1987)349
Ramstein, B., *see* Jabbour A464(1987)260
Ramstein, B., *see* Jabbour A464(1987)287
Recht, J., *see* Blume A464(1987)445
Reffo, F., *see* Agnoli A464(1987)103
Reichelt, K., *see* Forster A464(1987)497
Remington, B., *see* Deák A464(1987)133
Ribrag, M., *see* Lucas A464(1987)172
Ricci, R. A., *see* Agnoli A464(1987)103
Ritzén, B., *see* Arctaedius A464(1987)430
Rochford, P., *see* Rowe A464(1987) 39
Rosier, L.H., *see* Jabbour A464(1987)260
Rosier, L.H., *see* Jabbour A464(1987)287
Rotberg, V., *see* Willis A464(1987)315
Rowe, D.J., P. Rochford, R. Le Blanc, The coupling of valence shell and particle-hole degrees of freedom in a partial random phase approximation A464(1987) 39
Roy, G., *see* Nguyen Van Sen A464(1987)717
Ruchowska, E., *see* Kurcewicz A464(1987) 1
Semmes, P.B., R.A. Braga, R.W. Fink, J.L. Wood, J.D. Cole, Decay of mass-separated 7.4 min ^{203}At A464(1987)381
Seres, Z., *see* Deák A464(1987)133
Serot, B.D., *see* Horowitz A464(1987)613
Sheppard, D.M., *see* Nguyen Van Sen A464(1987)717
Shi, Y.-J., W.J. Swiatecki, Estimates of the influence of nuclear deformations and shell effects on the lifetimes of exotic radioactivities A464(1987)205
Shimizu, K., *see* Oka A464(1987)700
Soga, F., *see* Nguyen Van Sen A464(1987)717
Sowinski, J., D.D. Pun Casavant, L.D. Knutson, High precision measurement of the analyzing powers for d̄-p elastic scattering at $E_d = 10$ MeV A464(1987)223
Stephens, F.S., *see* Beck A464(1987)472
Sugimitsu, T., H. Inoue, H. Fujita, N. Kato, K. Kimura, T. Tachikawa, K. Anai, Y. Ikeda, Y. Nakajima, A detailed study of the ^{12}C+^{16}O fusion reaction at $E_{cm} = 19$ to 24 MeV A464(1987)415
Suomijärvi, T., *see* Lucas A464(1987)172
Swiatecki, W.J., *see* Shi A464(1987)205
Szybisz, L., J.G. Zabolitzky, Monte Carlo simulation of finite mass nucleons interacting via a neutral, scalar boson field A464(1987)557
Tachikawa, T., *see* Sugimitsu A464(1987)415
Tamisier, R., *see* Jabbour A464(1987)260
Tamisier, R., *see* Jabbour A464(1987)287
Tegnér, P.-E., *see* Arctaedius A464(1987)430
Theine, K., *see* Blume A464(1987)445
Thies, M., Linearly velocity-dependent potentials and the Lorentz-Lorenz correction A464(1987)603
Thorsteinsen, T.F., *see* Borge A464(1987)189
Tiereth, W., Z. Basrak, N. Bischof, B. Nees, E. Nieschler, I. Weitzenfelder, H. Voit, Nuclear glory scattering in the ^{16}O+^{16}O collision A464(1987)125
Tjøm, P.O., *see* Beck A464(1987)472
Tomasi, E., *see* Barranco A464(1987) 29
Toporkov, D.K., *see* Dmitriev A464(1987)237
Tsang, M.B., *see* Deák A464(1987)133
Tsentalovich, E.P., *see* Dmitriev A464(1987)237
Uchiyama, T., *see* Kitazawa A464(1987) 61
Ulm, G., *see* Eberz A464(1987) 9
Vannini, G., *see* Agnoli A464(1987)103
Vannucci, L., *see* Agnoli A464(1987)103
Varley, B.J., *see* Goettig A464(1987)159
Viñas, X., A. Guirao, Semiclassical approach to static and dynamic aspects of fermions in a harmonic well A464(1987)326
Voit, H., *see* Tiereth A464(1987)125
Wadsworth, R., *see* Goettig A464(1987)159
Walliser, H., *see* Blendowske A464(1987) 75
Walliser, H., S. Nakaichi-Maeda, Pauli repulsion of α-particles and the 3α overbinding problem A464(1987)366
Weitzenfelder, I., *see* Tiereth A464(1987)125
Wendt, K., *see* Eberz A464(1987) 9
Willis, A., M. Morlet, N. Marty, C. Djalali, G.M. Crawley, A. Galonsky, V. Rotberg, B.A. Brown, Excitation of 1^+ and 2^- states in the neon isotopes A464(1987)315
Woitsekhowski, B.B., *see* Dmitriev A464(1987)237
Wood, J.L., *see* Semmes A464(1987)381
Yazaki, K., *see* Oka A464(1987)700
Ye Yanlin, *see* Nguyen Van Sen A464(1987)717
Zabolitzky, J.G., *see* Szybisz A464(1987)557
Zelevinsky, V.G., *see* Dmitriev A464(1987)237